



MH3032

Material Handler

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

Table of Contents

Specifications	2
Engine	2
Drive	2
Service Refill Capacities	2
Swing Mechanism	2
Undercarriage	2
Operating Weights	2
Hydraulic System	3
Tires	3
Vibration Levels	3
Standards	3
Sound Performance	3
Air Conditioning System	3
Major Component Weights	4
Dimensions	5
Working Ranges	9
Lift Capacities – Counterweight: 6000 kg (13,250 lb)	11
Attachments Offering Guide:	
Europe	21
North America	23
Standard and Optional Equipment	25
Dealer Installed Kit and Attachments	27
Cab Options	28
MH3032 Environmental Declaration	29

MH3032 Material Handler Specifications

Engine

Engine Model	Cat® C7.1	
Net Power		
ISO 9249	150 kW	201 hp
ISO 9249 (metric)	204 hp (PS)	
Engine Power		
ISO 14396	151 kW	202 hp
ISO 14396 (metric)	205 hp (PS)	
Bore	105 mm	4.1 in
Stroke	135 mm	5.3 in
Displacement	7.0 L	428.0 in ³
Number of Cylinders	6	
Biodiesel Capability	Up to 20%	

- Meets U.S. EPA Tier 4 Final, EU Stage V, Japan 2014 and Korea Tier 4 Final emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, Clean Emission Module (CEM) exhaust gas aftertreatment, alternator, and cooling fan running at intermediate speed.
- Rated speed 2,200 rpm.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

Drive

Forward/Reverse		
1st Gear	6.5 km/h	4.0 mph
2nd Gear	18.0 km/h	11.2 mph
Creeper Speed		
1st Gear	3.5 km/h	2.2 mph
2nd Gear	12.0 km/h	7.5 mph
Drawbar Pull	145.0 kN	32,597 lbf
Maximum Gradeability at (32 000 kg/70,500 lb)	45%	

Service Refill Capacities

Fuel Tank Capacity	474 L	125.2 gal
Diesel Exhaust Fluid (DEF) Tank	41 L	10.8 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Swing Drive	10 L	2.6 gal
Hydraulic Tank	147 L	38.8 gal
Hydraulic System (including tank)	301 L	79.5 gal
Rear Axle Differential	19.5 L	5.2 gal
Steering Axle Differential	26 L	6.9 gal
Final Drive (each)	2.2 L	0.6 gal
Powershift Transmission	3 L	0.8 gal

Swing Mechanism

Swing Speed*	7.0 rpm	
Maximum Swing Torque	82 kN·m	60,680 lbf·ft

*For CE-marked machine default value may be set lower.

Undercarriage

Ground Clearance (axle)	249 mm	9.8 in
Ground Clearance (frame)	250 mm	9.8 in
Maximum Steering Angle	30°	
Oscillation Axle Angle	±5°	
Minimum Turning Radius		
Outside of Stabilizer	8500 mm	27.9 ft

Operating Weights¹

Minimum	33 300 kg	73,400 lb
Maximum	35 800 kg	78,950 lb
Typical Configurations:		
Scrap Handling ²	34 800 kg	76,700 lb
Waste Handler ³	35 200 kg	77,600 lb

¹Operating weight includes full fuel tank, 75 kg (165 lb) operator and a 2000 kg (4,410 lb) grapple. Weight varies depending on configuration.

²Scrapyard configuration includes 8.5 m (27'11") Straight Material Handler (MH) boom, 6.4 m (21') Drop Nose stick, full fuel tank, 75 kg (165 lb) operator, grapple 2000 kg (4,410 lb), 20 kW generator and 12.00-20 size solid tires.

³Waste Handler configuration includes 8.5 m (27'11") Straight MH boom, 6.4 m (21') Straight stick, full fuel tank, 75 kg (165 lb) operator, grapple 2000 kg (4,410 lb) and 12.00-20 size solid tires.

MH3032 Material Handler Specifications

Hydraulic System

Maximum Pressure		
Implements	35 000 kPa	5,076 psi
Travel Circuit	35 000 kPa	5,076 psi
Swing Circuit	28 400 kPa	4,119 psi
Medium Pressure	20 000 kPa	2,901 psi
Maximum Flow		
System	560 L/min	148 gal/min
Travel Circuit	280 L/min	74 gal/min
Medium Pressure	54 L/min	14.5 gal/min
Boom Cylinder (MH) – Bore	140 mm	0'6" ft/in
Boom Cylinder (MH) – Stroke	1326 mm	4'4" ft/in
Stick Cylinder (MH) – Bore	120 mm	0'5" ft/in
Stick Cylinder (MH) – Stroke	1305 mm	4'3" ft/in
Bucket Cylinder – Bore	130 mm	0'5" ft/in
Bucket Cylinder – Stroke	1156 mm	3'10" ft/in

Tires

Standard	12.00-20 (Dual Solid)
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Vibration Levels

Maximum Hand/Arm		
ISO 5349-2001	<2.5 m/s ²	<8.2 ft/s ²
Maximum Whole Body		
ISO/TR 25398:2006	<0.5 m/s ²	<1.6 ft/s ²
Seat Transmissibility Factor		
ISO 7096:2000-spectral class EM5	<0.7	

Standards

Brakes	ISO 3450:2011
Cab/Tip Over Protective Structure (TOPS)	EN474-5:2006 + A3:2013
Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II
Cab/Sound Levels	Meets appropriate standards as listed

Sound Performance

ISO 6396:2008 (internal)	70 dB(A)
ISO 6395:2008 (external)	101 dB(A)

- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.2 kg (2.6 lbs) of refrigerant, which has a CO₂ equivalent of 1.716 metric tonnes (1.892 tons).

MH3032 Material Handler Specifications

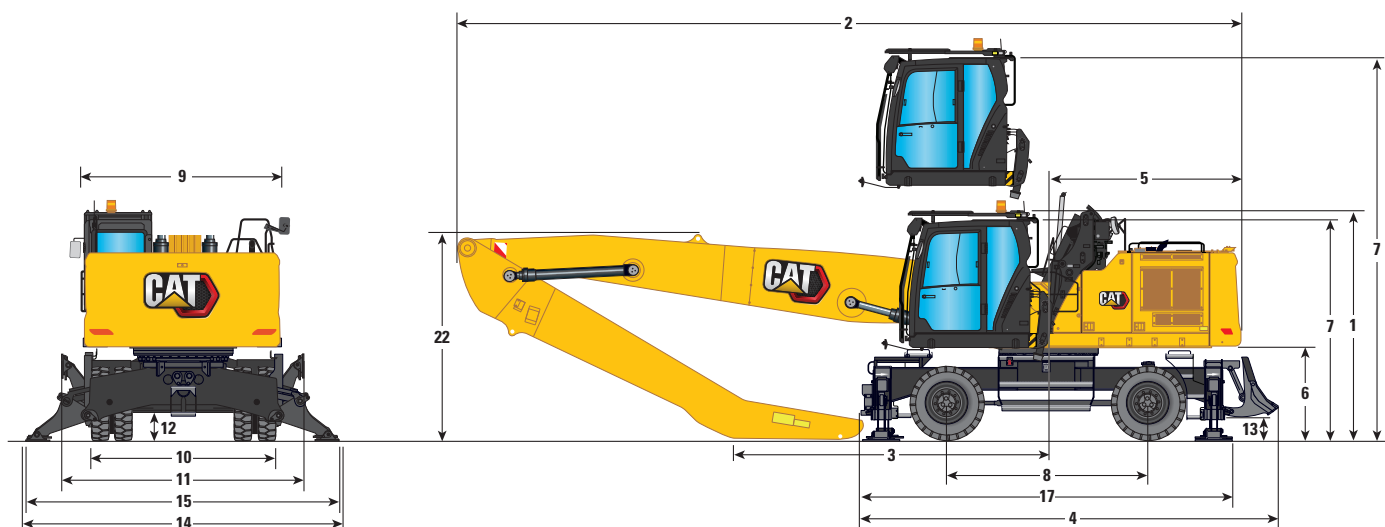
Major Component Weights

	kg	lb
Boom (including boom and stick cylinders, pins and standard hydraulic lines):		
8.5 m (27'11") Straight MH Boom	4050	8,950
9.3m (30'6") Straight MH Boom	4150	9,150
Stick (including bucket cylinder and linkage (if equipped), pins and standard hydraulic lines):		
6.4 m (21'0") Drop Nose Stick	1585	3,500
6.4 m (21') Straight Stick	2275	5,000
Counterweight:		
Standard	6000	13,250
Undercarriage (including axles, tires and steps):		
Front and Rear Stabilizers	10 950	24,150
Tires:		
Dual Solid Tires (12.00-20)	2300	5,050
Optional Equipment:		
Generator	285	630
OPG guard (without roof wiper)	130	290
OPG guard (with roof wiper)	165	360
High Impact Resistance Windshield (P8B glass)	70	150
Grapples (includes mounting bracket):		
CTV15-1000 (1.00 m ³ / 1.3 yd ³)	1320	2,900
CTV15-1200 (1.20 m ³ / 1.55 yd ³)	1400	3,100
CTV15-1500 (1.50 m ³ /2.0 yd ³)	1520	3,350
CTV15-1700 (1.70 m ³ /2.25 yd ³)	1600	3,550
GSH425-750-S (0.75 m ³ /1.0 yd ³)	1670	3,700
GSH425-950-S (0.95 m ³ /1.25 yd ³)	1710	3,750
GSH425-1150-S (1.15 m ³ /1.5 yd ³)	1770	3,900
GSH525-750-S (0.75 m ³ /1.0 yd ³)	1980	4,350
GSH525-950-S (0.95 m ³ /1.25 yd ³)	2020	4,450
GSH525-1150-S (1.15 m ³ /1.5 yd ³)	2090	4,600
GSV425-600-S (0.60 m ³ /0.75 yd ³)	1600	3,550
GSV425-750-S (0.75 m ³ /1.0 yd ³)	1640	3,600
GSV425-950-S (0.95 m ³ /1.25 yd ³)	1690	3,750
GSV425-1150-S (1.15 m ³ /1.5 yd ³)	1730	3,800
GSV425-1550-S (1.55 m ³ /2.0 yd ³)	1800	3,950
GSV525-600-S (0.60 m ³ /0.75 yd ³)	1850	4,100
GSV525-750-S (0.75 m ³ /1.0 yd ³)	1900	4,200
GSV525-950-S (0.95 m ³ /1.25 yd ³)	1960	4,300
GSV525-1150-S (1.15 m ³ /1.5 yd ³)	2020	4,450
GSV525-1550-S (1.55 m ³ /2.0 yd ³)	2100	4,650

MH3032 Material Handler Specifications

Dimensions

All Dimensions are approximate. Values are with 12.00-20 solid tires.



Boom Options

MH Boom 8.5 m (27'11")

Stick Options

Drop Nose

Straight

5.7 m (18'8")

6.4 m (21'0")

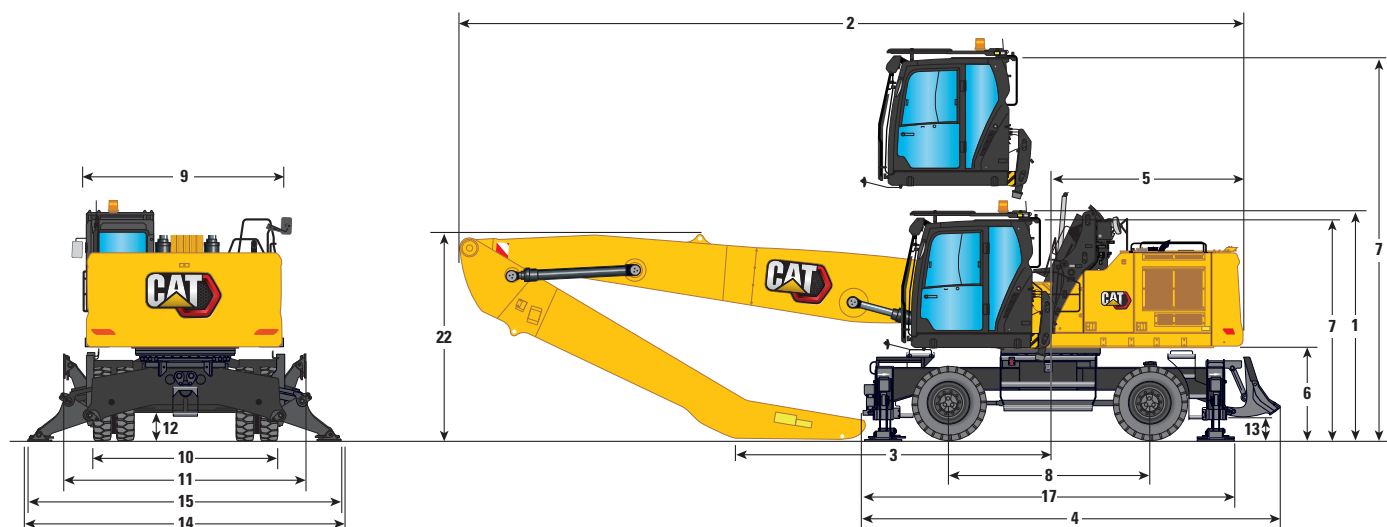
6.4 m (21'0")

	5.7 m (18'8")	11'8"	6.4 m (21'0")	11'8"	6.4 m (21'0")	11'8"
1 Shipping Height with OPG (highest point between boom and cab)	3550 mm	11'8"	3550 mm	11'8"	3550 mm	11'8"
2 Shipping Length						
3.0 m (9'10") MH Undercarriage	11 890 mm	39'0"	11 860 mm	38'11"	11 850 mm	38'11"
3 Support Point	5310 mm	17'5"	3190 mm	10'6"	3380 mm	11'1"
4 Machine Length						
3.0 m (9'10") MH Undercarriage	5785 mm	19'0"	5785 mm	19'0"	5785 mm	19'0"
5 Tail Swing Radius	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
6 Counterweight Clearance	1465 mm	4'10"	1465 mm	4'10"	1465 mm	4'10"
7 Cab Height						
Cab Lowered – without OPG	3500 mm	11'6"	3500 mm	11'6"	3500 mm	11'6"
Cab Lowered – with OPG	3550 mm	11'8"	3550 mm	11'8"	3550 mm	11'8"
Cab Lowered – with OPG Roof Wiper Guard	3645 mm	12'0"	3645 mm	12'0"	3645 mm	12'0"
Cab Raised – without OPG	6095 mm	20'0"	6095 mm	20'0"	6095 mm	20'0"
Cab Raised – with OPG	6145 mm	20'2"	6145 mm	20'2"	6145 mm	20'2"
Cab Raised – with OPG Roof Wiper Guard	6240 mm	20'6"	6240 mm	20'6"	6240 mm	20'6"
22 Linkage Height including hydraulic lines at shipping position (from ground to top of hydraulic lines)	3070 mm	10'1"	3410 mm	11'2"	3450 mm	11'4"

MH3032 Material Handler Specifications

Undercarriage Dimensions

All Dimensions are approximate. Values are with 12.00-20 solid tires.



Boom Options

MH Boom

8.5 m (27'11")

Stick Options

Drop Nose

Straight

5.7 m (18'8")

6.4 m (21'0")

6.4 m (21'0")

3.0 m (9'10")

3.0 m (9'10")

3.0 m (9'10")

Undercarriage

8 Wheel Base

3200 mm

10'6"

3200 mm

10'6"

3200 mm

10'6"

9 Shipping Width

3000 mm

9'10"

3000 mm

9'10"

3000 mm

9'10"

Undercarriage Width

10 Outside Tires

2935 mm

9'8"

2935 mm

9'8"

2935 mm

9'8"

11 With Outriggers Up

2990 mm

9'10"

2990 mm

9'10"

2990 mm

9'10"

14 With Outriggers on Ground

4900 mm

16'1"

4900 mm

16'1"

4900 mm

16'1"

15 With Outriggers Fully Down

4800 mm

15'9"

4800 mm

15'9"

4800 mm

15'9"

Clearance to Ground

12 Axle Clearance

249 mm

0'10"

249 mm

0'10"

249 mm

0'10"

13 Outrigger Clearance

250 mm

0'10"

250 mm

0'10"

250 mm

0'10"

Undercarriage Length

17 Without Push Blade

5781 mm

19'0"

5781 mm

19'0"

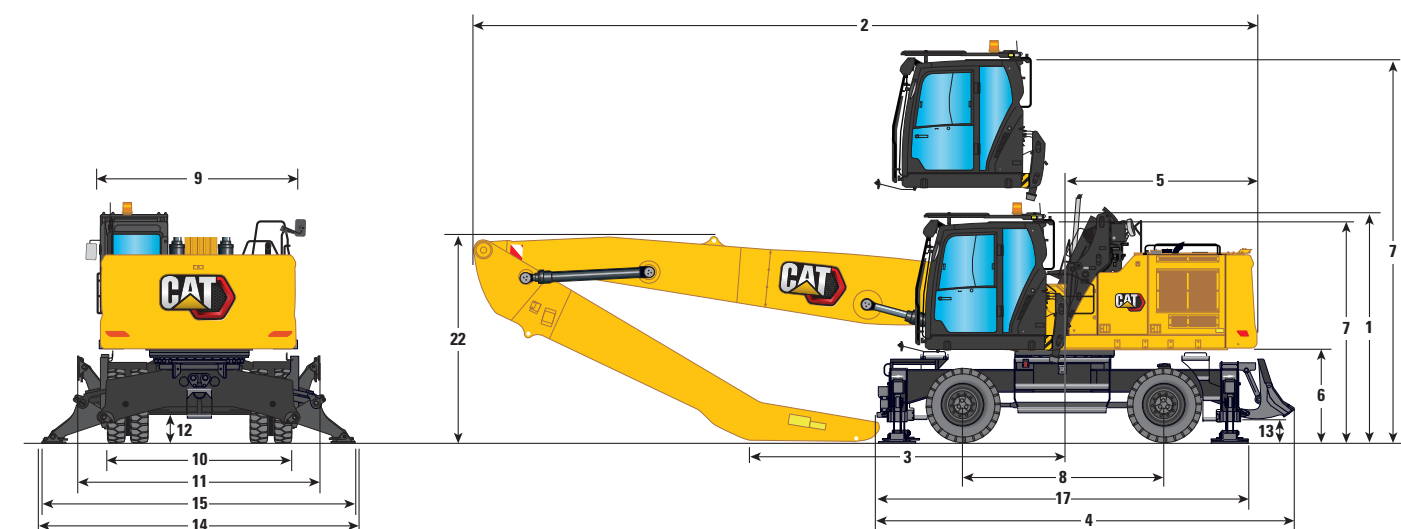
5781 mm

19'0"

MH3032 Material Handler Specifications

Dimensions

All Dimensions are approximate. Values are with 12.00-20 solid tires.



Boom Options

MH Boom
9.3 m (30'6")

Stick Options

Drop Nose

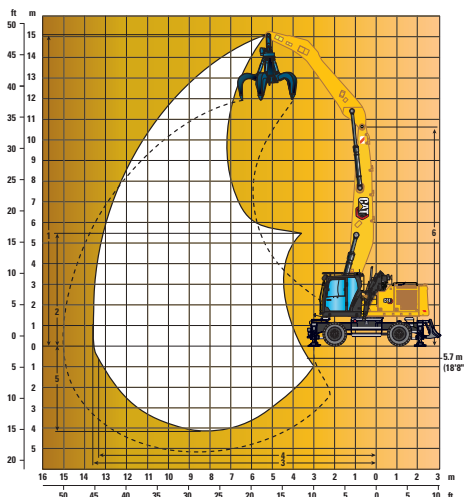
	5.7 m (18'8")		6.4 m (21'0")	
1 Shipping Height with OPG (highest point between boom and cab)	3550 mm	11'8"	3550 mm	11'8"
2 Shipping Length				
3.0 m (9'10") MH Undercarriage	12 690 mm	41'8"	12 700 mm	41'8"
3 Support Point	6100 mm	20'0"	5160 mm	16'11"
4 Machine Length				
3.0 m (9'10") MH Undercarriage	5785 mm	19'0"	5785 mm	19'0"
5 Tail Swing Radius	3000 mm	9'10"	3000 mm	9'10"
6 Counterweight Clearance	1465 mm	4'10"	1465 mm	4'10"
7 Cab Height				
Cab Lowered – without OPG	3500 mm	11'6"	3500 mm	11'6"
Cab Lowered – with OPG	3550 mm	11'8"	3550 mm	11'8"
Cab Lowered – with OPG Roof Wiper Guard	3645 mm	12'0"	3645 mm	12'0"
Cab Raised – without OPG	6095 mm	20'0"	6095 mm	20'0"
Cab Raised – with OPG	6145 mm	20'2"	6145 mm	20'2"
Cab Raised – with OPG Roof Wiper Guard	6240 mm	20'6"	6240 mm	20'6"
22 Linkage Height including hydraulic lines at shipping position (from ground to top of hydraulic lines)	3070 mm	10'1"	3040 mm	10'0"

MH3032 Material Handler Specifications

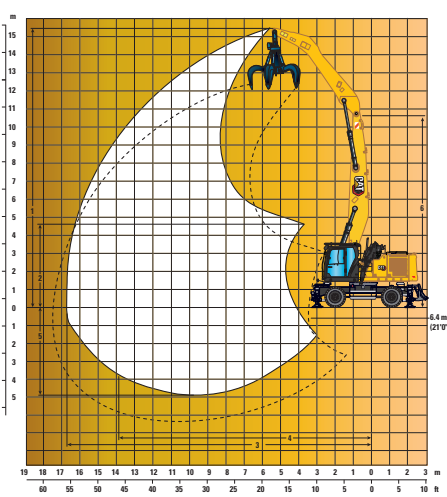
Working Ranges

All dimensions are approximate and may vary depending on grapple selection.

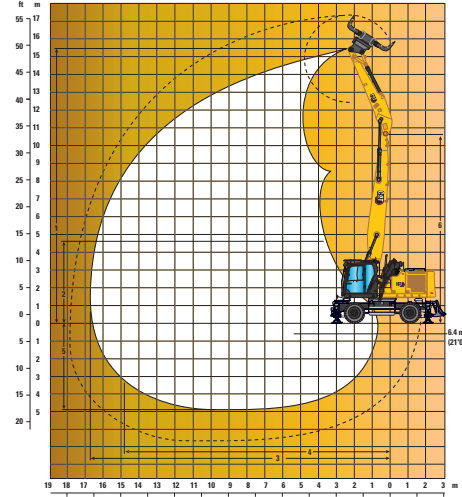
1



2



3



Boom Options

MH Boom

8.5 m (27'11")

1

2

3

Stick Options

Drop Nose

Straight

5.7 m (18'8")

6.4 m (21'0")

6.4 m (21'0")

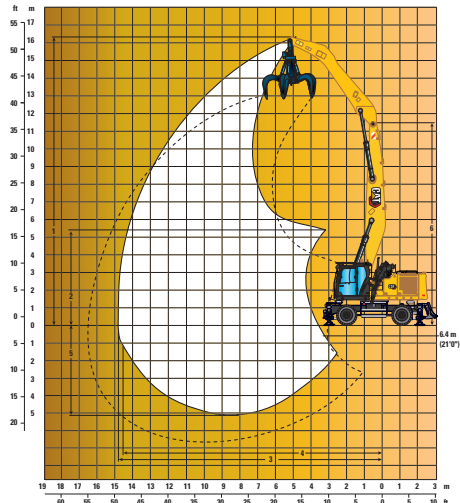
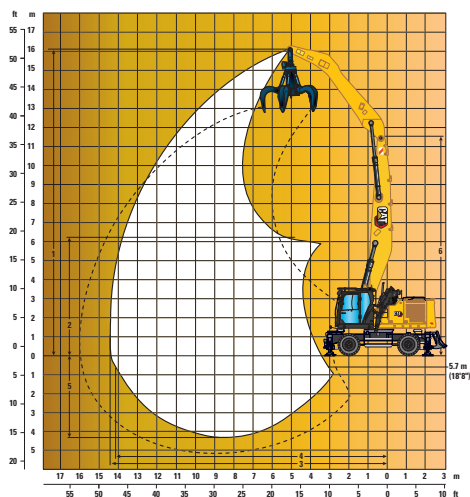
	5.7 m (18'8")	49'11"	6.4 m (21'0")	50'9"	6.4 m (21'0")	50'9"
1 Maximum Height	15 210 mm	49'11"	15 470 mm	50'9"	15 470 mm	50'9"
2 Minimum Dump Height	5460 mm	17'11"	4670 mm	15'4"	4670 mm	15'4"
3 Maximum Reach	13 610 mm	44'8"	14 080 mm	46'2"	14 080 mm	46'2"
4 Maximum Reach at Ground Line	13 410 mm	44'0"	13 900 mm	45'7"	14 860 mm	48'9"
5 Maximum Depth	4290 mm	14'1"	4990 mm	16'4"	4990 mm	16'4"
6 Boom Pin Height	10 750 mm	35'3"	10 750 mm	35'3"	10 750 mm	35'3"

All dimensions refer to stick nose pin, with solid tires 10.00-20.

MH3032 Material Handler Specifications

Working Ranges

All dimensions are approximate and may vary depending on grapple selection.



Boom Options

MH Boom
9.3 m (30'6")

①

②

Stick Options

Drop Nose

5.7 m (18'8")

6.4 m (21'0")

	5.7 m (18'8")	5.7 m (18'8")	6.4 m (21'0")	6.4 m (21'0")
1 Maximum Height	16 010 mm	52'6"	16 270 mm	53'5"
2 Minimum Dump Height	6260 mm	20'6"	5470 mm	17'11"
3 Maximum Reach	14 380 mm	47'2"	14 840 mm	48'8"
4 Maximum Reach at Ground Line	14 200 mm	46'7"	14 670 mm	48'2"
5 Maximum Depth	4370 mm	14'4"	5070 mm	16'8"
6 Boom Pin Height	11 550 mm	37'11"	11 550 mm	37'11"

All dimensions refer to stick nose pin, with solid tires 10.00-20.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 8.5 m

Stick 5.7 m Drop Nose

	4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm
																	
15 000 mm															*6350	*6350	4450
13 500 mm			*6700	*6700	*5000	*5000									*4950	*4950	7540
12 000 mm			*7750	*7750	*6750	5700	*5150	4100							*4400	3750	9430
10 500 mm			*8450	8300	*7500	5750	5800	4200	4400	3100					4150	2900	10 790
9000 mm			*8750	8150	*7550	5650	5750	4150	4400	3100					3500	2400	11 800
7500 mm			*9150	7850	7600	5450	5600	4000	4350	3050	3400	2300			3100	2100	12 550
6000 mm	*12 450	11 550	*9800	7300	7250	5150	5400	3800	4200	2900	3350	2250			2850	1900	13 080
4500 mm	*14 050	10 150	9600	6650	6850	4750	5150	3550	4050	2750	3250	2200			2650	1750	13 420
3000 mm	*12 150	8600	8800	5900	6400	4350	4900	3300	3850	2600	3150	2100	2600	1650	2550	1650	13 590
1500 mm	*5100	*5100	8100	5300	6000	3950	4650	3100	3700	2450	3050	2000	2550	1600	2500	1600	13 590
0 mm	*4550	*4550	7700	4900	5700	3700	4450	2900	3600	2350	2950	1900			2550	1600	13 420
-1500 mm	*5000	*5000	7500	4700	5500	3500	4300	2750	3500	2250	2900	1850			2600	1650	13 070
-3000 mm			7450	4650	5450	3450	4250	2700	3450	2200	2900	1850					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 27'11"

Stick 18'8" Drop Nose

	15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				ft
															
45 ft			*14,100	*14,100									*11,200	*11,200	23.62
40 ft			*16,700	*16,700	*14,300	12,200	*10,200	8,700					*9,900	8,600	30.25
35 ft			*18,400	17,800	*16,300	12,300	12,400	8,900					*9,200	6,600	34.94
30 ft			*19,100	17,600	*16,500	12,200	12,400	8,900	9,400	6,600			7,900	5,400	38.42
25 ft			*19,900	16,900	16,400	11,800	12,100	8,600	9,300	6,500	7,300	4,900	6,900	4,700	40.98
20 ft	*26,900	24,900	*21,300	15,800	15,600	11,100	11,700	8,200	9,000	6,300	7,200	4,800	6,300	4,200	42.81
15 ft	*30,300	22,000	20,800	14,400	14,700	10,300	11,100	7,700	8,700	5,900	7,000	4,700	5,900	3,900	44.00
10 ft	29,000	18,700	19,000	12,800	13,800	9,400	10,500	7,200	8,300	5,600	6,800	4,500	5,600	3,600	44.59
5 ft	*12,000	*12,000	17,500	11,400	12,900	8,600	10,000	6,600	8,000	5,300	6,600	4,300	5,500	3,500	44.59
0 ft	*10,400	*10,400	16,600	10,600	12,300	8,000	9,600	6,200	7,700	5,000	6,400	4,100	5,600	3,500	44.03
-5 ft	*11,400	*11,400	16,100	10,100	11,900	7,600	9,300	6,000	7,500	4,800	6,300	4,000	5,800	3,700	42.88
-10 ft			16,000	10,100	11,700	7,500	9,200	5,900	7,500	4,800					

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic liftcapacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mountig pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 8.5 m

Stick 5.7 m Drop Nose

	4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm	
																		
15 000 mm																*6350	*6350	4450
13 500 mm				*6700	*6700	*5000	*5000									*4950	*4950	7540
12 000 mm				*7750	*7750	*6750	*6750	*5150	*5150							*4400	*4400	9430
10 500 mm				*8450	*8450	*7500	*7500	*6650	*6650	*4700	*4700					*4150	*4150	10 790
9000 mm				*8750	*8750	*7550	*7550	*6650	*6650	*5950	*5950					*4050	*4050	11 800
7500 mm				*9150	*9150	*7800	*7800	*6800	*6800	*6000	*6000	*5250	*5250			*4000	*4000	12 550
6000 mm	*12 450	*12 450		*9800	*9800	*8150	*8150	*6950	*6950	*6100	*6100	*5350	5200			*4000	*4000	13 080
4500 mm	*14 050	*14 050	*10 550	*10 550	*8500	*8500	*7150	*7150	*6150	*6150	*5300	5100				*4100	*4100	13 420
3000 mm	*12 150	*12 150	*11 150	*11 150	*8800	*8800	*7250	*7250	*6150	6100	*5250	5000	*4400	4150		*4250	4100	13 590
1500 mm	*5100	*5100	*11 250	*11 250	*8850	*8850	*7250	*7250	*6050	5900	*5100	4850	*4150	4100		*4050	4050	13 590
0 mm	*4550	*4550	*10 700	*10 700	*8550	*8550	*7000	*7000	*5800	5800	*4800	4800				*3750	*3750	13 420
—1500 mm	*5000	*5000	*9550	*9550	*7850	*7850	*6450	*6450	*5300	*5300	*4250	*4250				*3400	*3400	13 070
—3000 mm			*8000	*8000	*6750	*6750	*5600	*5600	*4550	*4550	*3400	*3400						

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 27'11"

Stick 18'8" Drop Nose

	15 ft		20 ft		25 ft		30 ft		35 ft		40 ft				ft		
																	
45 ft			*14,100	*14,100											*11,200	*11,200	23.62
40 ft			*16,700	*16,700	*14,300	*14,300	*10,200	*10,200							*9,900	*9,900	30.25
35 ft			*18,400	*18,400	*16,300	*16,300	*14,100	*14,100							*9,200	*9,200	34.94
30 ft			*19,100	*19,100	*16,500	*16,500	*14,500	*14,500	*13,000	*13,000					*8,900	*8,900	38.42
25 ft			*19,900	*19,900	*16,900	*16,900	*14,800	*14,800	*13,100	*13,100	*10,400	*10,400			*8,800	*8,800	40.98
20 ft	*26,900	*26,900	*21,300	*21,300	*17,700	*17,700	*15,100	*15,100	*13,200	*13,200	*11,600	11,100			*8,800	*8,800	42.81
15 ft	*30,300	*30,300	*22,800	*22,800	*18,500	*18,500	*15,500	*15,500	*13,300	*13,300	*11,500	10,900			*9,000	*9,000	44.00
10 ft	*31,300	*31,300	*24,100	*24,100	*19,100	*19,100	*15,800	*15,800	*13,300	13,100	*11,400	10,700			*9,300	9,100	44.59
5 ft	*12,000	*12,000	*24,300	*24,300	*19,200	*19,200	*15,700	*15,700	*13,100	12,800	*11,000	10,500			*9,000	8,900	44.59
0 ft	*10,400	*10,400	*23,200	*23,200	*18,500	*18,500	*15,100	*15,100	*12,500	12,500	*10,300	*10,300			*8,300	*8,300	44.03
-5 ft	*11,400	*11,400	*20,800	*20,800	*17,000	*17,000	*13,900	*13,900	*11,400	*11,400	*9,100	*9,100			*7,500	*7,500	42.88
-10 ft			*17,300	*17,300	*14,600	*14,600	*12,000	*12,000	*9,700	*9,700							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic liftcapacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mountig pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage

MH, HD Axles

Boom

8.5 m

Stick

6.4 m Drop Nose

	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm
																			
15 000 mm																	*4950	*4950	5770
13 500 mm					*6200	*6200	*5050	*5050									*4150	*4150	8370
12 000 mm								5900	*5050	4300							*3750	3400	10 110
10 500 mm							*7000	5950	5950	4300	4500	3200					*3600	2700	11 380
9000 mm							*7200	5850	5900	4250	4500	3200	3500	2400			3300	2250	12 340
7500 mm					*8650	8150	*7450	5650	5750	4150	4400	3100	3450	2400			2950	1950	13 060
6000 mm			*10 450	*10 450	*9300	7650	7450	5350	5550	3950	4300	3000	3400	2300	2700	1800	2700	1750	13 570
4500 mm	*19 250	*19 250	*13 150	10 850	10 000	6950	7000	4950	5250	3700	4100	2850	3300	2200	2650	1750	2500	1650	13 900
3000 mm			14 150	9250	9100	6150	6550	4500	5000	3400	3900	2650	3150	2100	2600	1700	2400	1550	14 060
1500 mm			*7900	7900	8350	5450	6100	4050	4700	3150	3750	2450	3050	2000	2550	1600	2350	1500	14 060
0 mm	*2500	*2500	*5550	*5550	7750	4950	5750	3700	4450	2900	3600	2300	2950	1900	2450	1550	2350	1500	13 900
-1500 mm	*3250	*3250	*5350	*5350	7450	4700	5500	3500	4300	2750	3450	2200	2900	1800	2450	1550	2450	1500	13 570
-3000 mm			*5700	*5700	7350	4550	5350	3400	4200	2650	3400	2150	2850	1800			2550	1600	13 050
-4500 mm							5350	3400	4200	2650	3400	2150							

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage

MH, HD Axles

Boom

27'11"

Stick

21'0" Drop Nose

	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft				ft
																			
50 ft																	*11,400	*11,400	16.99
45 ft					*13,200	*13,200	*10,400	*10,400									*9,300	*9,300	26.48
40 ft							*13,200	12,700	*10,500	9,100							*8,400	7,800	32.51
35 ft							*15,100	12,800	12,800	9,300	9,700	6,800					*7,900	6,100	36.94
30 ft							*15,700	12,600	12,700	9,200	9,700	6,800	7,500	5,100			7,400	5,100	40.22
25 ft					*18,800	17,600	*16,200	12,200	12,400	8,900	9,500	6,700	7,400	5,100			6,500	4,400	42.68
20 ft					*20,100	16,500	16,100	11,500	11,900	8,500	9,200	6,400	7,300	5,000			6,000	3,900	44.42
15 ft	*38,900	*38,900	*28,400	23,500	21,500	15,100	15,200	10,600	11,400	7,900	8,800	6,100	7,100	4,700	5,700	3,700	5,600	3,600	45.57
10 ft			30,500	20,000	19,700	13,400	14,100	9,700	10,700	7,300	8,400	5,700	6,800	4,500	5,600	3,600	5,300	3,400	46.13
5 ft			*18,800	17,100	18,000	11,800	13,100	8,800	10,100	6,700	8,100	5,300	6,600	4,300	5,400	3,400	5,200	3,300	46.16
0 ft	*5,700	*5,700	*12,700	*12,700	16,800	10,700	12,400	8,000	9,600	6,300	7,700	5,000	6,300	4,100	5,300	3,300	5,200	3,300	45.60
-5 ft	*7,300	*7,300	*12,200	*12,200	16,100	10,100	11,800	7,600	9,200	5,900	7,500	4,800	6,200	3,900			5,400	3,300	44.49
-10 ft			*12,900	*12,900	15,800	9,800	11,600	7,300	9,000	5,700	7,400	4,600	6,100	3,900			5,600	3,500	42.75
-15 ft							11,600	7,300	9,000	5,700	7,400	4,700							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic liftcapacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mountig pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 8.5 m

Stick 6.4 m Drop Nose

	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm
																			
15 000 mm																	*4950	*4950	5770
13 500 mm					*6200	*6200	*5050	*5050									*4150	*4150	8370
12 000 mm							*6200	*6200	*5050	*5050							*3750	*3750	10 110
10 500 mm							*7000	*7000	*6150	*6150	*4800	*4800					*3600	*3600	11 380
9000 mm							*7200	*7200	*6400	*6400	*5750	*5750	*4100	*4100			*3500	*3500	12 340
7500 mm					*8650	*8650	*7450	*7450	*6550	*6550	*5850	*5850	*5200	*5200			*3500	*3500	13 060
6000 mm			*10 450	*10 450	*9300	*9300	*7800	*7800	*6750	*6750	*5900	*5900	*5250	*5250	*3650	*3650	*3500	*3500	13 570
4500 mm	*19 250	*19 250	*13 150	*13 150	*10 100	*10 100	*8250	*8250	*6950	*6950	*6050	*6050	*5250	5150	*4500	4250	*3600	*3600	13 900
3000 mm			*14 700	*14 700	*10 800	*10 800	*8600	*8600	*7150	*7150	*6100	*6100	*5250	5000	*4500	4150	*3750	*3750	14 060
1500 mm			*7900	*7900	*11 150	*11 150	*8800	*8800	*7200	*7200	*6050	5950	*5150	4900	*4300	4100	*3950	3850	14 060
0 mm	*2500	*2500	*5550	*5550	*10 950	*10 950	*8650	*8650	*7050	*7050	*5900	5800	*4900	4750	*4000	*4000	*3700	*3700	13 900
-1500 mm	*3250	*3250	*5350	*5350	*10 100	*10 100	*8150	*8150	*6650	*6650	*5500	*5500	*4500	*4500	*3500	*3500	*3450	*3450	13 570
-3000 mm			*5700	*5700	*8750	*8750	*7200	*7200	*5950	*5950	*4900	*4900	*3850	*3850			*3050	*3050	
-4500 mm							*5900	*5900	*4900	*4900	*3900	*3900							

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 27'11"

Stick 21'0" Drop Nose

	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft				ft
																			
50 ft																	*11,400	*11,400	16.99
45 ft					*13,200	*13,200	*10,400	*10,400									*9,300	*9,300	26.48
40 ft							*13,200	*13,200	*10,500	*10,500							*8,400	*8,400	32.51
35 ft							*15,100	*15,100	*13,100	*13,100	*9,800	*9,800					*7,900	*7,900	36.94
30 ft							*15,700	*15,700	*14,000	*14,000	*12,500	*12,500	*8,000	*8,000			*7,700	*7,700	40.22
25 ft					*18,800	*18,800	*16,200	*16,200	*14,200	*14,200	*12,700	*12,700	*10,800	*10,800			*7,700	*7,700	42.68
20 ft					*20,100	*20,100	*16,900	*16,900	*14,600	*14,600	*12,900	*12,900	*11,400	11,300			*7,700	*7,700	44.42
15 ft	*38,900	*38,900	*28,400	*28,400	*21,900	*21,900	*17,900	*17,900	*15,100	*15,100	*13,100	*13,100	*11,400	11,000	*8,800	*8,800	*7,900	*7,900	45.57
10 ft			*31,700	*31,700	*23,400	*23,400	*18,600	*18,600	*15,500	*15,500	*13,200	*13,200	*11,300	10,800	*9,600	8,900	*8,200	*8,200	46.13
5 ft			*18,800	*18,800	*24,200	*24,200	*19,000	*19,000	*15,600	*15,600	*13,100	12,800	*11,100	10,500	*9,200	8,800	*8,700	8,500	46.16
0 ft	*5,700	*5,700	*12,700	*12,700	*23,700	*23,700	*18,700	*18,700	*15,300	*15,300	*12,700	12,500	*10,600	10,300	*8,500	*8,500	*8,200	*8,200	45.60
-5 ft	*7,300	*7,300	*12,200	*12,200	*21,900	*21,900	*17,600	*17,600	*14,400	*14,400	*11,900	*11,900	*9,700	*9,700			*7,500	*7,500	44.49
-10 ft			*12,900	*12,900	*19,000	*19,000	*15,600	*15,600	*12,800	*12,800	*10,400	*10,400	*8,200	*8,200			*6,700	*6,700	42.75
-15 ft							*12,700	*12,700	*10,400	*10,400	*8,300	*8,300							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic liftcapacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mountig pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage

MH, HD Axles

Boom

8.5 m

Stick

6.4 m Straight

	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm	
																				
15 000 mm																		*4450	*4450	5770
13 500 mm					*5700	*5700	*4600	*4600										*3650	*3650	8370
12 000 mm							*5700	5500	*4600	3850								*3300	2950	10 110
10 500 mm							*6500	5550	5550	3900	4050	2750						*3100	2250	11 380
9000 mm							*6700	5450	5450	3850	4050	2750	3050	1950				2850	1800	12 340
7500 mm					*8150	7750	*6900	5200	5300	3700	3950	2650	3000	1900				2450	1500	13 060
6000 mm			*10 000	*10 000	*8750	7250	7000	4900	5100	3450	3800	2500	2900	1850	2250	1300		2200	1300	13 570
4500 mm	*18 750	*18 750	*12 600	10 350	9500	6500	6550	4450	4800	3200	3650	2350	2800	1750	2200	1250		2050	1150	13 900
3000 mm			13 600	8650	8600	5650	6050	3950	4500	2900	3450	2150	2700	1600	2100	1200		1950	1050	14 060
1500 mm			*7450	7250	7750	4900	5550	3500	4200	2600	3250	1950	2550	1500	2050	1100		1850	1000	14 060
0 mm	*2000	*2000	*5050	*5050	7150	4350	5150	3150	3950	2400	3050	1800	2450	1400	2000	1050		1850	1000	13 900
−1500 mm	*2750	*2750	*4900	*4900	6850	4050	4900	2950	3750	2200	2950	1700	2350	1300	1950	1050		1950	1000	13 570
−3000 mm			*5250	*5250	6700	3950	4800	2800	3650	2100	2900	1650	2350	1300				2050	1100	13 050
−4500 mm							4800	2800	3650	2100	2900	1650								

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage

MH, HD Axles

Boom

27'11"

Stick

21'0" Straight

	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft				ft	
																				
50 ft																		*10,400	*10,400	16.99
45 ft					*12,100	*12,100	*9,300	*9,300										*8,200	*8,200	26.48
40 ft							*12,200	11,700	*9,400	8,100								*7,300	6,700	32.51
35 ft							*14,000	11,900	11,800	8,300	8,600	5,800						*6,900	5,100	36.94
30 ft							*14,600	11,700	11,700	8,200	8,700	5,800	6,400	4,100				6,400	4,000	40.22
25 ft					*17,700	16,700	*15,000	11,200	11,400	7,900	8,500	5,700	6,400	4,100				5,500	3,300	42.68
20 ft					*19,000	15,600	15,100	10,500	10,900	7,400	8,200	5,400	6,200	3,900				4,900	2,900	44.42
15 ft	*37,900	*37,900	*27,200	22,400	20,500	14,000	14,100	9,600	10,300	6,900	7,800	5,000	6,000	3,700	4,600	2,600		4,500	2,500	45.57
10 ft			29,300	18,800	18,500	12,200	13,000	8,600	9,600	6,200	7,400	4,600	5,700	3,400	4,500	2,500		4,300	2,300	46.13
5 ft			*17,700	15,700	16,700	10,600	12,000	7,600	9,000	5,600	7,000	4,200	5,500	3,200	4,300	2,400		4,100	2,200	46.16
0 ft	*4,600	*4,600	*11,700	*11,700	15,400	9,400	11,100	6,800	8,400	5,100	6,600	3,900	5,200	3,000	4,200	2,300		4,100	2,200	45.60
-5 ft	*6,200	*6,200	*11,100	*11,100	14,700	8,700	10,600	6,300	8,100	4,700	6,300	3,600	5,100	2,800				4,300	2,300	44.49
-10 ft			*11,800	*11,800	14,400	8,500	10,300	6,100	7,900	4,500	6,200	3,500	5,000	2,700				4,500	2,400	42.75
-15 ft							10,300	6,000	7,800	4,500	6,200	3,500								

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic liftcapacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mountig pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 8.5 m

Stick 6.4 m Straight

	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm
																			
15 000 mm																	*4450	*4450	5770
13 500 mm					*5700	*5700	*4600	*4600									*3650	*3650	8370
12 000 mm							*5700	*5700	*4600	*4600							*3300	*3300	10 110
10 500 mm							*6500	*6500	*5650	*5650	*4300	*4300					*3100	*3100	11 380
9000 mm							*6700	*6700	*5900	*5900	*5250	*5250	*3600	*3600			*3000	*3000	12 340
7500 mm					*8150	*8150	*6900	*6900	*6000	*6000	*5300	*5300	*4650	*4650			*3000	*3000	13 060
6000 mm			*10 000	*10 000	*8750	*8750	*7250	*7250	*6200	*6200	*5350	*5350	*4700	*4700	*3200	*3200	*3050	*3050	13 570
4500 mm	*18 750	*18 750	*12 600	*12 600	*9550	*9550	*7650	*7650	*6400	*6400	*5450	*5450	*4700	4650	*4000	3750	*3100	*3100	13 900
3000 mm			*14 050	*14 050	*10 200	*10 200	*8000	*8000	*6550	*6550	*5500	*5500	*4650	4500	*3900	3650	*3250	*3250	14 060
1500 mm			*7450	*7450	*10 500	*10 500	*8150	*8150	*6600	*6600	*5450	5450	*4550	4400	*3750	3600	*3400	3350	14 060
0 mm	*2000	*2000	*5050	*5050	*10 250	*10 250	*8000	*8000	*6450	*6450	*5300	*5300	*4350	4300	*3400	*3400	*3150	*3150	13 900
-1500 mm	*2750	*2750	*4900	*4900	*9400	*9400	*7450	*7450	*6050	*6050	*4900	*4900	*3950	*3950	*2900	*2900	*2850	*2850	13 570
-3000 mm			*5250	*5250	*8050	*8050	*6550	*6550	*5300	*5300	*4250	*4250	*3250	*3250			*2450	*2450	13 050
-4500 mm							*5250	*5250	*4250	*4250	*3300	*3300							

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 27'11"

Stick 21'0" Straight

	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft				ft
																			
50 ft																	*10,400	*10,400	16.99
45 ft					*12,100	*12,100	*9,300	*9,300									*8,200	*8,200	26.48
40 ft							*12,200	*12,200	*9,400	*9,400							*7,300	*7,300	32.51
35 ft							*14,000	*14,000	*12,000	*12,000	*8,700	*8,700					*6,900	*6,900	36.94
30 ft							*14,600	*14,600	*12,800	*12,800	*11,400	*11,400	*6,900	*6,900			*6,700	*6,700	40.22
25 ft					*17,700	*17,700	*15,000	*15,000	*13,000	*13,000	*11,500	*11,500	*9,700	*9,700			*6,600	*6,600	42.68
20 ft					*19,000	*19,000	*15,800	*15,800	*13,400	*13,400	*11,600	*11,600	*10,100	*10,100			*6,700	*6,700	44.42
15 ft	*37,900	*37,900	*27,200	*27,200	*20,600	*20,600	*16,600	*16,600	*13,900	*13,900	*11,800	*11,800	*10,200	10,000	*7,800	*7,800	*6,900	*6,900	45.57
10 ft			*30,300	*30,300	*22,100	*22,100	*17,300	*17,300	*14,200	*14,200	*11,900	*11,900	*10,100	9,700	*8,400	7,900	*7,200	*7,200	46.13
5 ft			*17,700	*17,700	*22,800	*22,800	*17,700	*17,700	*14,300	*14,300	*11,800	11,700	*9,800	9,400	*8,000	7,700	*7,500	7,400	46.16
0 ft	*4,600	*4,600	*11,700	*11,700	*22,200	*22,200	*17,300	*17,300	*13,900	*13,900	*11,400	11,400	*9,300	9,200	*7,200	*7,200	*6900	*6900	45.60
-5 ft	*6,200	*6,200	*11,100	*11,100	*20,400	*20,400	*16,200	*16,200	*13,000	*13,000	*10,500	*10,500	*8,400	*8,400			*6,300	*6,300	44.49
-10 ft			*11,800	*11,800	*17,400	*17,400	*14,100	*14,100	*11,400	*11,400	*9,100	*9,100	*6,900	*6,900			*5,400	*5,400	42.75
-15 ft							*11,200	*11,200	*9,100	*9,100	*6,900	*6,900							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage

MH, HD Axles

Boom

9.3 m

Stick

5.7 m Drop Nose

	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm
																			
15 000 mm					*5950	*5950											*5400	*5400	6470
13 500 mm					*7350	*7350	*6250	5650									*4650	4150	8870
12 000 mm					*8150	*8150	*7400	5750	5800	4150	*4300	3050					*4300	3050	10 520
10 500 mm					*8650	8250	*7400	5700	5800	4150	4400	3100					3550	2450	11 750
9000 mm					*8900	8000	*7550	5550	5700	4100	4350	3050	3400	2350			3050	2050	12 680
7500 mm			*11 300	*11 300	*9350	7600	7400	5300	5500	3900	4250	2950	3350	2300			2700	1800	13 380
6000 mm	*18 500	*18 500	*13 050	10 800	9950	6950	7000	4900	5250	3650	4100	2800	3250	2200	2650	1700	2500	1600	13 880
4500 mm			14 050	9150	9100	6150	6550	4450	4950	3400	3900	2650	3150	2100	2550	1650	2350	1500	14 210
3000 mm					8250	5400	6050	4000	4650	3100	3700	2450	3050	1950	2500	1600	2250	1400	14 360
1500 mm					7600	4800	5650	3650	4400	2850	3550	2300	2900	1850	2450	1500	2200	1350	14 360
0 mm			*2900	*2900	*6750	4450	5350	3400	4200	2650	3400	2150	2850	1750	2400	1450	2200	1350	14 200
-1500 mm			*3700	*3700	*6650	4350	5200	3250	4100	2550	3300	2050	2750	1700	2350	1450	2300	1400	13 880
-3000 mm					*7100	4350	5150	3200	4050	2500	3300	2050	2750	1700					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage

MH, HD Axles

Boom

30'6"

Stick

18'8" Drop Nose

	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft				ft
																			
50 ft			*15,500	*15,500													*12,400	*12,400	19.55
45 ft					*15,800	*15,800	*13,100	12,000									*10,400	9,600	28.15
40 ft					*17,700	*17,700	*15,900	12,300	12,400	8,900							*9,500	6,900	33.92
35 ft					*18,800	17,800	*16,100	12,300	12,400	8,900	9,400	6,600					8,000	5,500	38.16
30 ft					*19,300	17,300	*16,400	12,000	12,200	8,800	9,400	6,600	7,300	5,000			6,800	4,600	41.34
25 ft			*24,600	*24,600	*20,300	16,400	16,000	11,400	11,900	8,400	9,100	6,400	7,200	4,900			6,000	4,000	43.73
20 ft	*37,000	*37,000	*28,200	23,500	21,500	15,100	15,100	10,600	11,300	7,900	8,800	6,100	7,000	4,700	5,600	3,600	5,500	3,600	45.47
15 ft			30,400	19,900	19,700	13,400	14,100	9,700	10,700	7,300	8,400	5,700	6,800	4,500	5,500	3,500	5,200	3,300	46.56
10 ft					17,800	11,700	13,100	8,700	10,100	6,700	8,000	5,300	6,500	4,200	5,400	3,400	5,000	3,100	47.11
5 ft					16,400	10,400	12,200	7,900	9,500	6,200	7,600	4,900	6,300	4,000	5,200	3,300	4,900	3,000	47.11
0 ft			*6,600	*6,600	15,600	9,600	11,600	7,300	9,100	5,800	7,400	4,700	6,100	3,800	5,100	3,200	4,900	3,000	46.59
-5 ft			*8,400	*8,400	*15,200	9,400	11,200	7,000	8,800	5,500	7,200	4,500	6,000	3,700	5,100	3,100	5,000	3,100	45.51
-10 ft					15,300	9,400	11,100	6,900	8,700	5,400	7,100	4,400	5,900	3,700					

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic liftcapacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mountig pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height		 Load over front				 Load over side				 Load at maximum reach (stick nose/bucket pin)									
Undercarriage				Boom								Stick							
MH, HD Axles				9.3 m								5.7 m Drop Nose							
	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm
																			
15 000 mm					*5950	*5950											*5400	*5400	6470
13 500 mm					*7350	*7350	*6250	*6250									*4650	*4650	8870
12 000 mm					*8150	*8150	*7400	*7400	*6300	*6300	*4300	*4300					*4300	*4300	10 520
10 500 mm					*8650	*8650	*7400	*7400	*6500	*6500	*5800	*5800					*4100	*4100	11 750
9000 mm					*8900	*8900	*7550	*7550	*6550	*6550	*5800	*5800	*5200	*5200			*4000	*4000	12 680
7500 mm			*11 300	*11 300	*9350	*9350	*7800	*7800	*6700	*6700	*5850	*5850	*5200	*5200			*4000	*4000	13 380
6000 mm	*18 500	*18 500	*13 050	*13 050	*10 000	*10 000	*8150	*8150	*6850	*6850	*5950	*5950	*5200	5100	*4550	4200	*4050	4000	13 880
4500 mm			*14 450	*14 450	*10 650	*10 650	*8450	*8450	*7050	*7050	*6000	*6000	*5200	5000	*4500	4150	*4100	3800	14 210
3000 mm					*11 000	*11 000	*8650	*8650	*7100	*7100	*6000	5950	*5150	4850	*4350	4050	*3900	3700	14 360
1500 mm					*8700	*8700	*8550	*8550	*7000	*7000	*5900	5750	*5000	4750	*4150	4000	*3650	3650	14 360
0 mm			*2900	*2900	*6750	*6750	*8150	*8150	*6700	*6700	*5600	5600	*4700	4650	*3850	*3850	*3350	*3350	14 200
−1500 mm			*3700	3700*	*6650	*6650	*7350	*7350	*6150	*6150	*5150	*5150	*4250	*4250	*3300	*3300	*3050	*3050	13 880
−3000 mm					*7100	*7100	*6250	*6250	*5350	*5350	*4450	*4450	*3550	*3550					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

	Load point height			Load over front			Load over side			Load at maximum reach (stick nose/bucket pin)										
Undercarriage				Boom				Stick												
MH, HD Axles				30'6"				18'8" Drop Nose												
	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft				ft	
																				
50 ft			*15,500	*15,500														*12,400	*12,400	19.55
45 ft					*15,800	*15,800	*13,100	*13,100										*10,400	*10,400	28.15
40 ft					*17,700	*17,700	*15,900	*15,900	*13,200	*13,200								*9,500	*9,500	33.92
35 ft					*18,800	*18,800	*16,100	*16,100	*14,100	*14,100	*12,600	*12,600						*9,100	*9,100	38.16
30 ft					*19,300	*19,300	*16,400	*16,400	*14,300	*14,300	*12,600	*12,600	*10,700	*10,700				*8,800	*8,800	41.34
25 ft			*24,600	*24,600	*20,300	*20,300	*16,900	*16,900	*14,500	*14,500	*12,700	*12,700	*11,300	11,200				*8,800	*8,800	43.73
20 ft	*37,000	*37,000	*28,200	*28,200	*21,600	*21,600	*17,600	*17,600	*14,900	*14,900	*12,900	*12,900	*11,300	11,000	*9,700	9,000		*8,900	8,800	45.47
15 ft			*31,200	*31,200	*23,000	*23,000	*18,300	*18,300	*15,200	*15,200	*13,000	*13,000	*11,200	10,700	*9,700	8,900		*9,100	8,400	46.56
10 ft					*23,800	*23,800	*18,700	*18,700	*15,400	*15,400	*13,000	12,800	*11,100	10,500	*9,400	8,700		*8,600	8,100	47.11
5 ft					*20,800	*20,800	*18,600	*18,600	*15,200	*15,200	*12,700	12,400	*10,800	10,200	*8,900	8,600		*8,000	8,000	47.11
0 ft			*6,600	*6,600	*15,800	*15,800	*17,700	*17,700	*14,600	*14,600	*12,100	12,100	*10,100	10,000	*8,200	*8,200		*7,400	*7,400	46.59
-5 ft			*8,400	*8,400	*15,200	*15,200	*16,000	*16,000	*13,300	*13,300	*11,100	*11,100	*9,100	*9,100	*6,900	*6,900		*6,700	*6,700	45.51
-10 ft					*15,400	*15,400	*13,600	*13,600	*11,500	*11,500	*9,500	*9,500	*7,600	*7,600						

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic liftcapacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mountig pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 9.3 m

Stick 6.4 m Drop Nose

	4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm
																	
15 000 mm			*5700	*5700											*4400	*4400	7460
13 500 mm					*5800	*5800	*4600	4200							*3900	3700	9610
12 000 mm					*6650	5950	*5850	4300	4500	3200					*3650	2800	11 150
10 500 mm					*7050	5900	5950	4300	4500	3200	3500	2400			3300	2250	12 310
9000 mm					*7200	5750	5850	4200	4450	3150	3500	2400			2850	1900	13 210
7500 mm			*8900	7900	*7500	5500	5650	4050	4350	3050	3400	2350	2700	1800	2550	1700	13 880
6000 mm	*12 250	11 500	*9550	7300	7250	5100	5400	3800	4200	2900	3300	2250	2650	1750	2350	1500	14 360
4500 mm	*13 750	9900	9450	6500	6750	4650	5100	3500	4000	2700	3200	2100	2600	1650	2200	1400	14 670
3000 mm	*8600	8150	8550	5650	6200	4150	4750	3200	3750	2500	3050	2000	2500	1600	2100	1300	14 830
1500 mm	*4050	*4050	7750	4950	5750	3750	4450	2900	3550	2300	2900	1850	2400	1500	2050	1250	14 830
0 mm	*3700	*3700	7300	4500	5400	3400	4200	2700	3400	2150	2800	1750	2350	1450	2050	1250	14 670
-1500 mm	*4050	*4050	7050	4300	5200	3200	4050	2500	3300	2050	2750	1700	2300	1400	2100	1250	14 360
-3000 mm			6950	4200	5100	3100	3950	2450	3200	2000	2700	1650	2300	1400	2200	1350	13 870
-4500 mm					5100	3100	3950	2450	3200	1950	2700	1650					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 30'6"

Stick 21'0" Drop Nose

	15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft				ft
																	
50 ft			*11,900	*11,900											*10,000	*10,000	23.03
45 ft					*12,300	*12,300	*9,300	9,000							*8,800	8,600	30.64
40 ft					*14,400	12,800	*12,300	9,200	*9,100	6,800					*8,100	6,400	36.02
35 ft					*15,400	12,700	12,800	9,200	9,700	6,900	7,500	5,100			7,400	5,100	40.03
30 ft					*15,700	12,400	12,600	9,000	9,600	6,800	7,500	5,100			6,400	4,300	43.08
25 ft			*19,300	17,100	*16,200	11,900	12,200	8,700	9,300	6,500	7,300	5,000	5,800	3,800	5,700	3,700	45.37
20 ft	*26,400	24,900	*20,600	15,800	15,600	11,000	11,600	8,200	9,000	6,200	7,100	4,800	5,700	3,700	5,200	3,300	47.05
15 ft	*29,700	21,500	20,500	14,100	14,500	10,100	11,000	7,500	8,600	5,800	6,900	4,500	5,600	3,600	4,900	3,100	48.10
10 ft	*21,500	17,800	18,500	12,200	13,400	9,000	10,300	6,900	8,100	5,400	6,600	4,300	5,400	3,400	4,700	2,900	48.65
5 ft	*9,500	*9,500	16,800	10,700	12,400	8,100	9,600	6,300	7,700	5,000	6,300	4,000	5,200	3,200	4,600	2,800	48.65
0 ft	*8,400	*8,400	15,700	9,700	11,600	7,400	9,100	5,800	7,300	4,600	6,000	3,800	5,100	3,100	4,600	2,800	48.13
-5 ft	*9,100	*9,100	15,200	9,200	11,200	6,900	8,700	5,400	7,100	4,400	5,900	3,600	5,000	3,000	4,700	2,800	47.08
-10 ft			15,000	9,100	11,000	6,700	8,600	5,300	7,000	4,300	5,800	3,500	5,000	3,000	4,900	3,000	45.47
-15 ft					11,000	6,700	8,500	5,200	6,900	4,300							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 9.3 m

Stick 6.4 m Drop Nose

	4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm				mm
																	
15 000 mm			*5700	*5700											*4400	*4400	7460
13 500 mm					*5800	*5800	*4600	*4600							*3900	*3900	9610
12 000 mm					*6650	*6650	*5850	*5850	*4500	*4500					*3650	*3650	11 150
10 500 mm					*7050	*7050	*6250	*6250	*5600	*5600	*4050	*4050			*3550	*3550	12 310
9000 mm					*7200	*7200	*6300	*6300	*5650	*5650	*5050	*5050			*3500	*3500	13 210
7500 mm			*8900	*8900	*7500	*7500	*6500	*6500	*5700	*5700	*5050	*5050	*4200	*4200	*3500	*3500	13 880
6000 mm	*12 250	*12 250	*9550	*9550	*7850	*7850	*6700	*6700	*5800	*5800	*5100	*5100	*4500	4250	*3550	*3550	14 360
4500 mm	*13 750	*13 750	*10 250	*10 250	*8250	*8250	*6900	*6900	*5900	*5900	*5150	5050	*4450	4150	*3650	3600	14 670
3000 mm	*8600	*8600	*10 800	*10 800	*8500	*8500	*7000	*7000	*5950	*5950	*5100	4900	*4400	4050	*3750	3500	14 830
1500 mm	*4050	*4050	*10 850	*10 850	*8550	*8550	*7000	*7000	*5900	5800	*5000	4750	*4250	4000	*3550	3450	14 830
0 mm	*3700	*3700	*8150	*8150	*8300	*8300	*6800	*6800	*5700	5600	*4800	4650	*4000	3900	*3350	*3350	14 670
-1500 mm	*4050	*4050	*7150	*7150	*7700	*7700	*6350	*6350	*5300	*5300	*4450	*4450	*3600	*3600	*3050	*3050	14 360
-3000 mm			*7100	*7100	*6750	*6750	*5650	*5650	*4750	*4750	*3900	*3900	*3000	*3000	*2700	*2700	13 870
-4500 mm					*5500	*5500	*4700	*4700	*3900	*3900	*3050	*3050					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 30'6"

Stick 21'0" Drop Nose

	15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft				ft
																	
50 ft			*11,900	*11,900											*10,000	*10,000	23.03
45 ft					*12,300	*12,300	*9,300	*9,300							*8,800	*8,800	30.64
40 ft					*14,400	*14,400	*12,300	*12,300	*9,100	*9,100					*8,100	*8,100	36.02
35 ft					*15,400	*15,400	*13,600	*13,600	*12,000	*12,000	*7,900	*7,900			*7,800	*7,800	40.03
30 ft					*15,700	*15,700	*13,800	*13,800	*12,200	*12,200	*10,800	*10,800			*7,700	*7,700	43.08
25 ft			*19,300	*19,300	*16,200	*16,200	*14,100	*14,100	*12,400	*12,400	*11,000	*11,000	*8,200	*8,200	*7,700	*7,700	45.37
20 ft	*26,400	*26,400	*20,600	*20,600	*17,000	*17,000	*14,500	*14,500	*12,600	*12,600	*11,100	*11,100	*9,700	9,100	*7,800	*7,800	47.05
15 ft	*29,700	*29,700	*22,200	*22,200	*17,800	*17,800	*14,900	*14,900	*12,800	*12,800	*11,100	10,800	*9,700	8,900	*8,000	8,000	48.10
10 ft	*21,500	*21,500	*23,400	*23,400	*18,400	*18,400	*15,200	*15,200	*12,900	*12,900	*11,100	10,500	*9,500	8,700	*8,300	7,700	48.65
5 ft	*9,500	*9,500	*23,600	*23,600	*18,500	*18,500	*15,200	*15,200	*12,700	12,500	*10,800	10,200	*9,200	8,600	*7,900	7,600	48.65
0 ft	*8,400	*8,400	*18,900	*18,900	*18,000	*18,000	*14,700	*14,700	*12,300	12,100	*10,400	10,000	*8,600	8,400	*7,300	*7,300	48.13
-5 ft	*9,100	*9,100	*16,400	*16,400	*16,700	*16,700	*13,800	*13,800	*11,500	*11,500	*9,500	*9,500	*7,600	*7,600	*6,700	*6,700	47.08
-10 ft			*16,200	*16,200	*14,600	*14,600	*12,200	*12,200	*10,200	*10,200	*8,300	*8,300	*6,200	*6,200	*6,000	*6,000	45.47
-15 ft					*11,800	*11,800	*10,000	*10,000	*8,300	*8,300							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Attachments Offering Guide – Europe

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

☒ Match	☐ No Match	☒ 1800 kg/m ³ (3,000 lb/yd ³)	☐ 1200 kg/m ³ (2,000 lb/yd ³)	☒ 900 kg/m ³ (1,500 lb/yd ³)	☐ 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS

Undercarriage		MH, HD Axles				
Counterweight		6.0 mt (13,250 lb)				
Boom Type		MH 8.50 m (27'11")	MH 8.50 m (27'11")	MH 8.50 m (27'11")	MH 9.30 m (30'6")	MH 9.30 m (30'6")
Stick Length		5.70 m (18'8")	6.40 m (21'0") Straight	6.40 m (21'0")	5.70 m (18'8")	6.40 m (21'0")
Multi-Processors	MP318		✓			
Demolition and Sorting Grapples	G324		✓			
	G324 WH-1500		✓			
	G324 WH-1800		✓			
	G324 WH-2000		✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top		✓			
Orange Peel Grapples	GSH425-750	●	●	●	●	●
	GSH425-950	●	○	●	●	●
	GSH425-1150	●	○	○	○	○
	GSH525-750	●	○	●	●	●
	GSH525-950	●	○	●	○	○
	GSH525-1150	○	◆	○	○	○
	GSV425-600	●	●	●	●	●
	GSV425-750	●	●	●	●	●
	GSV425-950	●	○	●	●	●
	GSV425-1150	●	○	○	○	○
	GSV425-1550	◇	◇	◇	◇	◇
	GSV525-600	●	●	●	●	●
	GSV525-750	●	●	●	●	●
	GSV525-950	●	○	●	●	○
	GSV525-1150	●	◆	○	○	○
	GSV525-1550	◇	◇	◇	◇	◇
Clamshell Grapples	CTV15-1000	●	●	●	●	●
	CTV15-1200	●	○	●	●	○
	CTV15-1500	○	◆	○	○	○
	CTV15-1700	○	◆	○	◆	◆
	CTV15-1900	○		◆	◆	◆
	CTV15-2300	◆				
	CTV20-1300	○	◆	○	○	○
	CTV20-1500	○		○	◆	◆
	CTV20-1700	○		◆	◆	
	CTV20-1900	◆				

(continued on next page)

MH3032 Material Handler Specifications

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

☒ Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓

CW-45 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Demolition and Sorting Grapples	G324	✓

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓
	G324 WH-1500	✓
	G324 WH-1800	✓

S80 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓

BOOM MOUNT ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Mobile Scrap and Demolition Shears	S3050 Flat Top	✓

MH3032 Material Handler Specifications

Attachments Offering Guide – North America

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

☒ Match	☐ No Match	☒ 1800 kg/m ³ (3,000 lb/yd ³)	☐ 1200 kg/m ³ (2,000 lb/yd ³)	☒ 900 kg/m ³ (1,500 lb/yd ³)	☐ 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS

Undercarriage		MH, HD Axles				
Counterweight		6.0 mt (13,250 lb)				
Boom Type		MH 8.50 m (27'11")	MH 8.50 m (27'11")	MH 8.50 m (27'11")	MH 9.30 m (30'6")	MH 9.30 m (30'6")
Stick Length		5.70 m (18'8")	6.40 m (21'0")	6.40 m (21'0")	5.70 m (18'8")	6.40 m (21'0")
		Straight				
Multi-Processors	MP318 Shear Jaw		✓			
Demolition and Sorting Grapples	G324		✓			
	G324 WH-1500		✓			
	G324 WH-1800		✓			
	G324 WH-2000		✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top		✓			
Orange Peel Grapples	GSH425-750	●	●	●	●	●
	GSH425-950	●	○	●	●	●
	GSH425-1150	●	○	○	○	○
	GSH525-750	●	○	●	●	●
	GSH525-950	●	○	●	○	○
	GSH525-1150	○	◆	○	○	○
Clamshell Grapples	CTV15-1900	◆		◆	◆	
	CTV20-1300					
	CTV20-1500	○		◆	◆	◆

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles	
Counterweight		6.0 mt (13,250 lb)	
Boom Type		MH 8.50 m (27'11")	
Stick Length		6.40 m (21'0") Straight	
Multi-Processors	MP318 Shear Jaw	✓	
Demolition and Sorting Grapples	G324	✓	

(continued on next page)

MH3032 Material Handler Specifications

Attachments Offering Guide – North America *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

☒ Match

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓
	G324 WH-1500	✓
	G324 WH-800	✓

S80 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓

BOOM MOUNT ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Mobile Scrap and Demolition Shears	S3050 Flat Top	✓

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional		Standard	Optional
BOOM, STICKS AND LINKAGES			ENGINE		
8.5 m (27'11") Straight Material Handling Boom		✓	Cat C7.1 Turbo diesel engine	✓	
9.3 m (30'6") Straight Material Handling Boom		✓	Automatic engine speed control	✓	
6.4 m (21'0") Drop Nose Stick		✓	Three selectable modes: Power, Smart, Eco	✓	
6.4 m (21'0") Straight Stick		✓	Remote disable	✓	
5.7 m (18'8") Drop Nose Stick		✓	Up to 3000 m (9,840 ft) altitude capability without engine power de-rate	✓	
CAT TECHNOLOGY			Cold starting capability for –18° C (0° F)	✓	
Cat Equipment Management:			Cold starting capability for –32° C (–25° F)		✓
– VisionLink®	✓ ¹		Cold start, block heater (120V) ⁽¹⁾		✓
– Remote Flash	✓		Cold start, ether start		✓
– Remote Troubleshoot	✓		Double element air filter with integrated pre-cleaner	✓	
Cat Payload:	✓		Electric fuel priming pump	✓	
– On-the-go weighing	✓		Two-stage fuel filtration system with water separator and indicator	✓	
– Payload/cycle information	✓		Secure start with Personal Identification Number (PIN) code	✓	
ELECTRICAL			On-demand hydraulic cooling fan with auto-reverse function	✓	
LED lights on boom, stick and cab	✓		Cooling door with integrated fine mesh screen		✓
LED lights on chassis (Left Hand [LH], Right Hand [RH]) and counterweight	✓		Biodiesel capability up to B20	✓	
Programmable time-delay LED working lights	✓		HYDRAULICS		
Maintenance free batteries	✓		Boom and stick lowering control check valves	✓	
Centralized electrical disconnect switch	✓		Boom and stick regeneration circuits	✓	
Electrical refueling pump with auto shutoff		✓	Electronic main control valve	✓	
Generator, 20 kW with wiring to stick nose		✓	Automatic hydraulic oil warm up	✓	
			High performance hydraulic return filter	✓	
			Medium pressure (grapple rotate) and cab riser valve	✓	
			Capability of installing additional generator pump and circuit	✓	
			Fine swing capability		✓ ³
			SmartBoom™	✓ ²	
			Joystick steering	✓	
			Automatic swing parking brake	✓	
			Cat BIO HYDO™ Advanced biodegradable hydraulic oil		✓
			Adjustable hydraulic aggressiveness	✓	
			Pattern changer	✓	

¹Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

²Not compatible with 2D E-fence, Cab avoidance, or Cat Payload

³North America only

(continued on next page)

MH3032 Standard and Optional Equipment

Standard and Optional Equipment *(continued)*

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional		Standard	Optional
SAFETY AND SECURITY			UNDERCARRIAGE AND STRUCTURES		
Rear and right-side-view cameras	✓		All wheel drive	✓	
360° visibility		✓	Automatic brake/axle lock	✓	
Caterpillar One Key Security System	✓		Creeper speed	✓	
Travel alarm	✓		Electronic swing and travel lock	✓	
Signal/warning horn		✓	Heavy-duty axles, advanced disc brake system and travel motor, adjustable braking force	✓	
Rotating beacon on cab		✓	Oscillating front axle, lockable, with remote greasing point	✓	
Lockable external tool/storage box	✓		Tires, 12.00-20, dual, solid rubber	✓	
Neutral lever (lock out) for all controls	✓		Front, right hand side (RHS), and left hand side (LHS) cab access	✓	
Ground-level accessible secondary engine shutoff switch in cab	✓		Tool box at the undercarriage	✓	
Anti-skid plate and countersunk bolts on service platform	✓		Rear access steps at the undercarriage		✓
2D E-fence	✓		Two speed hydrostatic transmission	✓	
Cab Avoidance	✓		Counterweight 6000 kg (13,250 lb)	✓	
Swing Assist	✓		600 mm (2'0") wide anti-slip cab access platform with continuous handrail		✓
SERVICE AND MAINTENANCE					
Scheduled Oil Sampling (S·O·S SM) ports	✓				
QuickEvac TM maintenance ready	✓				
Grouped location for engine oil and fuel filters	✓				
Automatic lubrication system for implement and swing system	✓				

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Seat belt, retractable (75 mm/3" width)
- Dual exit rear window kit (Canadian regulation)

ELECTRICAL

- Jump start wiring

GUARDS

- OPG (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Full protection vandalism guard

MH3032 Cab Options

Cab Options

	Deluxe	Premium
Advanced sound suppressed TOPS certified cab	●	●
Heated seat with air suspension	●	X
Heated and ventilated seat with automatic adjustable air suspension	X	●
Height-adjustable seat console	●	●
Tilt-up console on left seat side	●	●
51 mm (2") orange seat belt	●	●
Unfastened seat belt warning	●	●
Automatic bi-level air conditioner	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●
360 degree visibility capability	●	●
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
Integrated Digital Audio Broadcasting (DAB) radio with speakers	●	●
Microphone, USB and Auxiliary (AUX) ports	●	●
Two 12V DC outlets	●	●
Document, rear and overhead storage	●	●
Cup and bottle holders	●	●
Fixed one-piece front window and skylight (P5A classified)	○	○
Fixed two-piece front window and skylight (P8B classified)	○	○
Parallel wiper with washer	●	●
LED dome light	●	●
Floor welcome light	●	●
Roller front sunscreen	●	●
Roller rear sunscreen	X	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●
Bluetooth® receiver	●	●
2-Slider joysticks	●	●
Operator Protective Guards (OPG)	○	○
Operator Protective Guards (OPG) with roof wiper and washer	○	○
Rain visor (not compatible with OPG)	●	●

● Standard

○ Optional

X Not available

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit <https://www.caterpillar.com/en/company/sustainability>.

Engine

- The Cat® C7.1 meets U.S. EPA Tier 4 Final, EU Stage V, Japan 2014 and Korea Tier 4 Final emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

**Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

***Lower-carbon intensity fuels do not significantly reduce GHGs at the tailpipe.*

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.2 kg (2.6 lb) of refrigerant which has a CO₂ equivalent of 1.716 metric tonnes (1.892 tons).

Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
 - Barium < 0.01%
 - Cadmium < 0.01%
 - Chromium < 0.01%
 - Lead < 0.01%

Sound Performance

With cooling fan speed at maximum value:

ISO 6396:2008 internal – 70 dB(A)

ISO 6395:2008 external – 101 dB(A)

- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

Oils and Fluids

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

Features and Technology

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
 - Advanced hydraulic systems help balance power and efficiency
 - Cat Payload helps improve loading efficiency and jobsite productivity
 - Smart mode matches machine power to digging requirements automatically
 - Eco mode helps minimize fuel consumption for light applications
 - One-touch low idle with automatic engine speed control
 - Extended maintenance intervals help reduce fluid and filter consumption
 - Remote Flash and Remote Troubleshoot

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEXQ3712 (11-2024)
Build Number: 07E
(Aus-NZ, Europe,
Japan, N Am)

